

BUDGET ESTIMATION

This budget refers to the all requirement for the f

Component	Specifications	Quantity	Cost (Each in \$)
• Resistor			
	➤ 47k,1/2W	10	.37
	➤ 50k,1/2W	5	.37
• Capacitor			
	➤ .005uF	5	.37
	➤ .001uF	5	.37
	➤ 10uF	5	.41
• Germanium diode			
	➤ 1N34A	4	.26
	➤ 1N270	4	.19
	➤ 1N5711	5	.23
	➤ 1N914	3	.31
• Amplifier			
	➤ TLC27L4	2	3.99
	➤ TLC27M4	2	3.99
	➤ TLC27L2	2	2.14
	➤ TLC27M2	3	3.1
• Transistor			
	➤ CA3146	8	5.49
• Breadboard			
	➤ N/a	2	19.13
• SPDT Toggle			
	➤ N/a	2	2.86

• An aluminum box With cabinet size	➤ 2 X 4 X 4 inch	2	19.9
• Micro ammeter	➤ (0-100)dc	1	22.99
	➤ uA Panel meter RS 270-1751	1	20.23
• Coaxial Connector Chassis –mounting type	➤	5	5.66
• LED	➤ 5mA	7	.15
• Ferrite bead , Amidon FB-73-101	➤	2	4.25
• Adjustable current source	➤ LM334	2	6.49
	➤ LM336 (2.5V)	1	7.12
• Transformer	➤ 10:1	1	11.14
	➤ 20:3	1	16.1
Total			288.68

As advised by our advisor, above budget includes all the details of first two devices and parts that will be used in the remaining two devices. So we have still kept \$ 120 for the last two devices, so the total budget will turned out to be around \$ 405 approximately.

(The above budget is just a mere approximation and is subject to change as per the design changes)